



BOX SEQUENCE  
PATENT  
2750-1334P

#4A  
E. Williams  
3-26-02

IN THE U.S. PATENT AND TRADEMARK OFFICE

APPLICANT(S): N. ALEXANDROV et al. Conf: 3725  
APPLICATION NO.: 09/703,619 Group: UNASSIGNED  
FILED: November 2, 2000 Examiner: UNASSIGNED  
FOR: SEQUENCE-DETERMINED DNA FRAGMENTS AND CORRESPONDING  
POLYPEPTIDES ENCODED THEREBY

AMENDMENT

Honorable Commissioner of Patents  
Washington, D.C. 20231

July 16, 2001  
Monday

Sir:

In response to the USPTO communication dated May 14, 2001, the following  
amendments and remarks are respectfully submitted in connection with the above-identified  
application.

IN THE SPECIFICATION

Please replace the Table on page 1 line 8 with the following amended Table: --

File Name	Date of Creation	File Size
Amended Protein Domain Table	July 16, 2001	2.10 MB
2750-1334P.ST25	July 16, 2001	156 KB

Please replace the Compact Disk containing the file "001018 Protein Domain Table" filed  
November 2, 2000 and replace it with the disks labeled "Copy 1" and "Copy 2" enclosed  
herewith.

## REMARKS

### *Sequence Listing*

Enclosed herewith in full compliance to 37 C.F.R. §§1.821-1.825 is a Sequence Listing submitted on two (2) identical CD-Rs (labeled "Copy 1" and "Copy 2") under 37 C.F.R. §1.821(c) in place of the paper copy. The computer readable form of the Sequence Listing is submitted herewith on one (1) additional CD-R (labeled "Computer Readable Form") as required by §1.821(e). These three (3) sequence listing files, file "2750-1334P.ST25", on three (3) CD-Rs are identical and in no way introduce new matter into the specification.

### *Amendments to Protein Domain Table filed on CD-R*

Also on the two (2) identical CD-Rs labeled "Copy 1" and "Copy 2" is an amended version of the Protein Domain Table, file "Amended Protein Domain Table.txt", submitted in a clean form without markings as to amended material. The amendments to the Protein Domain Table are being made to reference the sequences containing four or more amino acids disclosed in the specification by their SEQ ID NOS. No new matter is introduced by these amendments or by the submission of the protein domain table on the disks labeled "Copy 1" and "Copy 2".

As required under 37 C.F.R. §1.121, a marked-up copy of the Protein Domain Table, file "Marked Up Protein Domain Table", is enclosed herewith on a fourth compact disk labeled "Disk with Markings". This marked-up copy file shows the matter being added to and the matter being deleted from the Protein Domain Table of record. This file shows the material being added to the Protein Domain Table by including the tags "<u>" before and "</u>" after any amendments that were added to this file. Any material deleted from the Protein Domain Table of record is tagged with a "<b>" before and a "</b>" after the deleted material. No new matter is being added by

these amendments.

The format for submitting these amendments made to the Protein Domain Table filed on CD-R and for submitting a marked-up version of the changes made to the Protein Domain Table on CD-R was recommended by Michael Lewis and Joe Narcavage from the Office of Patent Legal Administration who indicated that this was currently the most acceptable format for amending CD-R files. Submitting substitute compact disks gives the Patent Office the advantage of saving the time needed to enter the large volume of amendments in the specification and reducing the number of printing errors.

If the Primary Deposit Account No. 50-1055 is deficient and non-payment will result in a loss of rights, the Commissioner is hereby authorized in this, concurrent and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By *Raymond C. Stewart* #36,623  
Raymond C. Stewart, #21,066  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

Attachments:           One (1) CD-R of computer readable form of the Sequence Listing  
                              One (1) CD-R of Disk with Markings  
                              Two (2) CD-Rs of the Sequence Listing in place of the Paper Copy and Protein  
                              Domain Table  
                              Version of Paragraph Amendments showing changes

RCS/DRN/BCF